measured by volume, weight, truck tally, by combination of these methods, or by such other form of measurement as the authorized officer determines to be appropriate and in the public interest.

## $\S 228.49$ Reappraisal.

If an extension of time is granted as provided in §228.53(b), the authorized officer must reappraise or reestimate the mineral materials covered by the contract or permit and which remain unexcavated at the time of extension. The recalculated unit value becomes the new unit value for the remaining unexcavated material; excavated and stockpiled material is not subject to reappraisal.

## § 228.50 Production records.

At least annually, the purchaser or permittee must furnish a record of the volume extracted, in cubic yards or weight equivalent, to the authorized officer. The units of measurement must correspond to the units used in the appraisal or estimate.

## § 228.51 Bonding.

- (a) Bond requirements. Before operations may begin under any contract or permit, a bond must be furnished to the authorized officer to ensure performance of payment (as necessary), reclamation, and other conditions of the contract or permit, except as noted in paragraphs (a) (1) and (3) of this section, where the authorized officer may waive such bonding. If an extension of time is granted as provided in §228.53(b), the bond requirements must be recalculated and changed accordingly.
- (1) For advance payment contracts for 10,000 cubic yards or more in volume (or weight equivalent), a bond of not less than 10 percent of the total contract price or the value of the estimated annual production (whichever is less), plus the reclamation cost for the area covered by annual mining, is required. When the total volume is less than 10,000 cubic yards, bond requirements, if any, are at the discretion of the authorized officer.
- (2) For any *defered payment contract*, a bond equalling the value of the estimated annual production plus the rec-

lamation cost for the area covered by annual mining is required.

- (3) For *free use*, the authorized officer may require a reclamation bond which must be sufficient to cover the cost of reclamation of the anticipated annual work.
- (b) *Types of bonding*. A bond must be one of the following:
- (1) A bond of a corporate surety shown on the latest approved list issued by the U.S. Treasury Department and executed on an approved standard form;
  - (2) A cash bond:
- (3) Negotiable securities of the United States;
- (4) An irrevocable letter of credit acceptable to the Forest Service;
- (5) A performance bond required by other Forest Service contracts or permits, provided the bond covers the performance and reclamation requirements related to the removal of mineral material from a designated pit or area for use in the performance of the contract or permit; or
- (6) Any other types of bond specified in the Forest Service Manual.

## § 228.52 Assignments.

- (a) *Limitations*. A purchaser or permittee may not assign the contract or permit, or any interest therein, without the written approval of the authorized officer.
- (b) Requirements of assignee. The authorized officer will not approve any proposed assignment involving contract or permit performance unless the assignee:
- (1) Submits information necessary to assure the authorized officer of the assignee's ability to meet the same requirements as the original purchaser or permittee (assignor); and
- (2) Furnishes a bond or obtains a commitment from the previous surety to be bound by the assignment when approved.
- (c) Rights and obligations. Once the authorized officer approves an assignment, the assignee is entitled to all the rights and is subject to all of the obligations under the contract or permittee may be released from any further responsiblity under the contract or permit.